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	te for form 1449B/PTO	00	OCUDE	Application Number	10/691,002		
	RMATION DI			Filing Date	October 22, 2003		
STATEMENT BY APPLICANT				First Named Inventor	Laurie B. Gower		
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Sheet	1	of	1	Attorney Docket Number	UF-304XC2		

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
on	R1	GOWER, L. "A model of biomineralization: Polymer-induced liquid-precursor (PILP) process" presented at Workshop on Investigation of Biomineralization Employing Model Systems, DFG Priority Programm 1117 Principles of Biomineralization, Braunschweig, Germany, September 23-24, 2003.	
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Substitute for form 1449A/PTO				Complete if Known		
				Application Number	10/691,002	
	TION DISCL			Filing Date	October 22, 2003	
STATEME	NT BY APP	LICA	N I	First Named Inventor	Laurie B. Gower	
(use	as many sheets	as nec	essary)	Art Unit	1614	
				Examiner Name		
Sheet	1	of	2	Attorney Docket Number	UF-304XC2	

,			U.S. PATENT DO	OCUMENTS	
Examiner Initials*	Cite No. '	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
R	- ⊎1	US-6,627,170 B2	09-30-2003	Takahashi et al.	All
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O	U6	US-5,147,507	09-15-1992	Gill	AII
9	U7	US-2004/0020410 A1	02-05-2004	Gane et al.	All
3	U8	US-2003/0094252 A1	05-22-2003	Sundar et al.	All
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Or-	Ū10	US-10/819,040	04-05-2004	Gower et al. (patent application)	Ali
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Examiner Initials*	Cite No. *	Foreign Patent Document Country Code 3 - Number 4 - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	τ⁵
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91	F2	WO 03/089022 A1	10-30-2003	Univ. of Florida	All	
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Complete if Known Substitute for form 1449B/PTO **Application Number** 10/691,002 INFORMATION DISCLOSURE Filing Date October 22, 2003 STATEMENT BY APPLICANT **First Named Inventor** Laurie B. Gower **Group Art Unit** 1614 (use as many sheets as necessary) **Examiner Name Attorney Docket Number** UF-304XC2 Sheet of 2

		NON PATENT LITERATURE DOCUMENTS	
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a	/ R2	GOWER, L. et al. "Biomimetic bone" presented at ACERS 28 th Int. Cocoa Beach Conference on Advanced Ceramics and Composites, January 28, 2004, Cocoa Beach, FL.	
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9	R5	LEE, I. et al. "Nanoparticle-directed crystallization of calcium carbonate" Adv. Mater., 2001, 12(21):1617-1620.	
gu	\ R6	OLSZTA, M.J. et al. "Synthesis of nano-fibrous CaCO ₃ through a solution-precursor-solid (SPS) process" presented April 7, 2003 at Materials Research Society (MRS) Spring Meeting, San Francisco, California.	
ar .	- R7	OLSZTA, M.J. and L. GOWER "Biomirnetic composites using a polymer-induced liquid-precursor (PILP) process" presented June 2002 at Annual Society for Experimental Mechanics (SEM) meeting, Milwaukee, Wisconsin.	
gr	R8	OLSZTA, M.J. et al. "Scanning electron microscopic analysis of the mineralization of type I collagen via a polymer-induced liquid-precursor (PILP) process" Calcif. Tissue Int., 2003, 72(5):583-591, Epub date March 6, 2003.	
N.	R9	OLSZTA, M.J. "Biomimetic mineralization of type-I collagen" presented at 7 th Int. ConfThe Chemistry and Biology of Mineralized Tissues, November 4-9, 2001, Sawgrass, FL.	
gu	R10	OLSZTA, M.J. et al. "Mimicking the nanostructured architecture of bone" presented at Fall Materials Research Society (MRS), Session L: Continuous Nanophase and Nanostructured Materials, December 1-5, 2003, Boston, MA.	
gr	R11	OLSZTA, M.J. "Biomimetic mineralization of type-I collagen" presented at UEF Biomimetic Engineering Conference, March 3-7, 2002, Destin, FL.	
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	R13		

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Substitute for form 1449A/PTO	Application Number				
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STATEMENT BY APPLICANT	First Named Inventor	Laurie B. Gower			
STATEMENT BY APPLICANT	Group Art Unit	1614			
(use as many sheets as necessary)	Examiner Name				

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			U.S. PATENT DOCUMEN	TS	
Cite No. 1	Number Kir	d Code ²	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
111	· · · · · · · · · · · · · · · · · · ·		Brown et al.		All
		1 - 1		10-03-1995	All
U3		1 1	Constantz et al.	01-12-1993	Ail
U4	4,880,610		Constantz	11-14-1989	All
U5	4,865,602		Smestad et al.	09-12-1989	All
- U6	4,795,467		Piez et al.	01-03-1989	All
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U9	5,532,217		Silver et al.	07-02-1996	All
U10	5,273,964		Lemons	12-28-1993	All
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an	F1	EP	0 270 254	B1	Smestad et al.	03-10-1993	All	
· Or	F2	EP	0 197 693	B1	Piez et al.	10-23-1991	All	
āw	- F3	ΕP	0 233 770	B1	Piez et al.	05-09-1990	All	
7W	F4	wo	03/035127	A1 _	Japan Sci. and Tech. Corp.	05-01-2003	Abstract	
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Application Number 10/691,002

Filing Date October 22, 2003

First Named Inventor Laurie B. Gower

Group Art Unit 1614

Examiner Name

Sheet 2 of 4 Attorney Docket Number UF-304XC2

		NON PATENT LITERATURE DOCUMENTS	
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Attorney Docket Number	LIE-304YC2				

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
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Sheet 4 of 4 Attorney Docket Number UF-304XC2

			NON PATENT LITERATURE DOCUMENTS	
	Examiner Initials*	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
	3-	R27	OLSZTA, M. "Biomimetic Mineralization of Collagen for Nanostructured Composites" poster materials, June 2001, Department of Materials Science and Engineering, University of Florida, Gordon Research Conference.	
•	gv~	~ R28	SCIADINI, M.F. et al. "Evaluation of Bovine-Derived Bone Protein with a Natural Coral Carrier as a Bone-Graft Substitute in a Canine Segmental Defect Model" J. Orthopaedic Res., 1997, 15:844-857.	
	or	R29	SIVAKUMAR, M. and K PANDURANGA RAO "Preparation, characterization and in vitro release of gentamicin from coralline hydroxyapatite-gelatin composite microspheres" <i>Biomaterials</i> , 2002, 23:3175-3181.	
	A	R30	TRANQUILLO, R.T. et al. "Magnetically orientated tissue-equivalent tubes: application to a circumferentially orientated media-equivalent" Biomaterials, 1996, 17:349-357.	
	00	R31	TRAUB, W. et al. "Origin of Mineral Crystal Growth in Collagen Fibrils" Matrix, 1992, 12:251-255.	
	or	R32	TRAUB, W. et al. "Three-Dimensional Ordered Distribution of Crystals in Turkey Tendon Collagen Fibers" PNAS USA, December 15, 1989, 86(24):9822-9826.	
	ar	R33	WEINER, S. et al. "Lamellar Bone: Structure-Function Relations" J. Struc. Biol., 1999, 126:241-255.	
•1	an	- R34	WEINER, S. and W. TRAUB "Bone structure: from ångstroms to microns" FASEB J., 1992, 6:879-885.	
	or	R35	WEINER, S. and W. TRAUB "Organization of Crystals in Bone" in Mechanisms and Phylogeny of Mineralization in Biological Systems, Suga, S. and Nakahara, H., Eds., Chapter 2.21, pp. 247-253, 1991.	
	T		ZHANG, R. and P. MA "Poly(a-hydroxyl acids)/hydroxyapatite porous composites for bone-tissue engineering. I. Preparation and morphology" J. Biomed. Mater. Res., 1999, 44:446-455.	
	av	R37	ZUND, G. et al. "Tissue engineering in cardiovascular surgery: MTT, a rapid and reliable quantitative method to assess the optimal human cell seeding on polymeric meshes" Euro. J. Cardio-thoracic Surg., 1999, 15:519-524.	
4	ZV-	R38	KIKUCHI, M. et al. "Preparation of hydroxyapatite/collagen composites using biomimetic process and their biocompatibility" Mat. Res. Soc. Symp. Proc., 2000, 599:51-53.	
٥	ar-	R39	ROVERI, N. et al. "Biologically inspired growth of hydroxyapatite nanocrystals inside self-assembled collagen fibers" <i>Mat. Sci. Eng.</i> , 2003, 23(3):441-446 (abstract).	

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